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## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application:

Claim 1 (currently amended): A computer implemented method for generating recommendations over a computer network, comprising:

collecting user events of a first and a second user across a plurality of domains in a database, wherein each of the user events is at least in part defined by one or more user event parameters, and wherein the event parameters are automatically updated;

receiving a triggering event for recommendations;

analyzing the user events to formulate <u>at least one correlation eerrelations</u>-between [[the]] <u>at least two</u> user events in the database, <u>wherein the at least two user events are from at least two different domains of the plurality of domains</u>; and

generating recommendations in response to the triggering event in accordance with the eorrelations at least one correlation between the at least two user events in the database.

Claim 2 (previously presented): The method of claim 1, wherein collecting user events comprises:

receiving a user event from the plurality of domains;

validating the user event parameters in accordance with a predetermined set of rules;

if the user event fails to meet one of the predetermined set of rules, rejecting the user event; and

if the user event meets the predetermined set of rules, storing the user event in the database.

Claim 3 (original): The method of claim 2, wherein validating a particular user event parameter comprises:

if the particular user event parameter exists in the database, continue validating another user event parameter until all user event parameters are validated; and if the particular user event parameter does not exist in the database, checking whether a predefined dynamic updating configuration corresponding to the particular user event parameter is enabled:

if the dynamic updating configuration corresponding to the particular user event parameter is enabled, adding the particular user event parameter to the database; and

if the dynamic updating configuration corresponding to the particular user event parameter is not enabled, rejecting the user event.

Claim 4 (original): The method of claim 2, wherein validating the user event parameters comprises:

validating the user event domain; validating the user event type; validating the user event value; validating the user event item; and validating the user identifier.

Claim 5 (currently amended): The method of claim 1, wherein analyzing the user events emprising comprises:

applying a collaborative filter on the user events to compute correlation values between the user events; and

storing the correlation values in a similarity database.

Claim 6 (currently amended): The method of claim 1 further comprising:
receiving a request for recommending similar items; and
generating recommendations of similar items in accordance with the <u>at least one</u>
correlation correlations between the <u>at least two</u> user events in the database.

Claim 7 (original): The method of claim 6 further comprising generating recommendations of similar items in accordance with a priority scheme.

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Claim 8 (original): The method of claim 6, wherein generating recommendations of similar items comprises:

validating the request, wherein the request includes a set of predefined parameters;

if source domains are specified, generating a first list of recommendations in accordance with the source domains; and

if the source domains are not specified, generating the first list of recommendations in accordance with all available domains in the database.

Claim 9 (original): The method of claim 8, wherein generating the first list of recommendations comprises:

if the first list of recommendations is less than or equal to a predefined minimum number of items, returning the first list of recommendations; and

if the first list of recommendations is greater than the predefined minimum number of items, improving the first list of recommendations in accordance with correlation values and the set of predefined parameters.

Claim 10 (original): The method of claim 9, wherein improving the first list of recommendations comprises:

forming a second list of recommendations from items of the first list of recommendations having a correlation value at or above a predefined threshold;

if the second list of recommendations is less than or equal to the predefined minimum number of items, selecting a third list of recommendations comprising the minimum number of items prioritized according to correlation value from items of the first list of recommendations and returning the third list of recommendations; and

if the second list of recommendations is greater than the predefined minimum number of items, improving the second list of recommendations in accordance with the correlation values and the set of predefined parameters.

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Claim 11 (original): The method of claim 10, wherein improving the second list of recommendations comprises:

if the second list of recommendations is less than or equal to a predefined maximum number of items, returning the second list of recommendations; and

if the second list of recommendations generated is greater than the predefined maximum number of items, further improving the second list of recommendations in accordance with the predefined source domains in the request.

Claim 12 (original): The method of claim 11, wherein the step of further improving comprises:

separating the second list of recommendations into a plurality of groups in accordance with the predefined source domains;

- (a) traversing each group one at a time, selecting a recommendation having the highest correlation value to form a fourth list of recommendations;
- (b) repeating step (a) until the fourth list of recommendations equal to the predefined maximum number of items; and

returning the fourth list of recommendations.

Claim 13 (currently amended): The method of claim 1 further comprising: receiving a request for recommending personalized items; and

generating personalized recommendations in accordance with the <u>at least one correlation</u> eorrelations between the at least two user events in the database.

Claim 14 (original): The method of claim 13, wherein generating the personalized recommendations comprises:

validating the request, wherein the request includes a set of predefined parameters; retrieving a first list of items the user shown preference from the database, wherein each item has a correlation value greater than or equal to a predefined threshold;

(a) creating a set of recommendations of similar items for each item the user has shown preference;

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(b) storing the set of recommendations of similar items into a first list of recommendations; and

(c) repeating steps (a) and (b) until all members of the first list of items are traversed; and

refining the first list of recommendations in accordance with the correlation values and a set of predefined parameters.

Claim 15 (original): The method of claim 14, wherein refining the first list of recommendations comprises:

if the first list of recommendations is less than or equal to the predefined minimum number of items, returning the first list of recommendations; and

if the first list of recommendations is greater than the predefined minimum number of items, improving the first list of recommendations in accordance with the correlation values and the set of predefined parameters.

Claim 16 (original): The method of claim 15, wherein improving the first list of recommendations comprises:

forming a second list of recommendations from items of the first list of recommendations having a correlation value at or above a predefined threshold;

if the second list of recommendations is less than or equal to the predefined minimum number of items, selecting a third list of recommendations comprising the minimum number of items prioritized according to correlation value from items of the first list of recommendations and returning the third list of recommendations;

if the second list of recommendations is greater than the predefined minimum number of items, improving the second list of recommendations in accordance with the correlation values and the set of predefined parameters.

Claim 17 (original): The method of claim 16, wherein improving the second list of recommendations comprises:

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if the second list of recommendations is less than or equal to a predefined maximum number of items, returning the second list of recommendations; and

if the second list of recommendations generated is greater than the predefined maximum number of items, further improving the second list of recommendations in accordance with the predefined source domains in the request.

Claim 18 (original): The method of claim 17, wherein the step of further improving comprises:

separating the second list of recommendations into a plurality of groups in accordance with the predefined source domains;

- (a) traversing each group one at a time, selecting a recommendation having the highest correlation value to form a fourth list of recommendations;
- (b) repeating step (a) until the fourth list of recommendations equal to the predefined maximum number of items; and

returning the fourth list of recommendations.

Claim 19 (currently amended): A system for generating recommendations over a computer network, comprising:

a plurality of domain servers for handling user events via the Internet;

a database for storing the user events of a first and a second user; and

a recommendation engine including one or more computer programs containing instructions for:

collecting the user events of the first and the second user across a plurality of domains in the database, wherein each of the user events is at least in part defined by one or more user event parameters, and wherein the event parameters are automatically updated;

receiving a triggering event for recommendation;

analyzing the user events to formulate <u>at least one correlation eorrelations</u> between [[the]] <u>at least two</u> user events in the database, <u>wherein the at least two user events are from at least</u> two different domains of the plurality of domains; and generating recommendations in response to the triggering event in accordance with the eorrelations at least one correlation between the at least two user events in the database.

Claim 20 (previously presented): The system of claim 19, wherein the instructions for collecting user events comprise instructions for:

receiving a user event from the plurality of domains;

validating the user event parameters in accordance with a predetermined set of rules;

if the user event fails to meet one of the predetermined set of rules, rejecting the user event; and

if the user event meets the predetermined set of rules, storing the user event in the database.

Claim 21 (original): The system of claim 20, wherein the instructions for validating a particular user event parameter comprise instructions for:

if the particular user event parameter exists in the database, continue validating another user event parameter until all user event parameters are validated; and

if the particular user event parameter does not exist in the database, checking whether a predefined dynamic updating configuration corresponding to the particular user event parameter is enabled:

if the dynamic updating configuration corresponding to the particular user event parameter is enabled, adding the particular user event parameter to the database; and

if the dynamic updating configuration corresponding to the particular user event parameter is not enabled, rejecting the user event.

Claim 22 (original): The system of claim 20, wherein the instructions for validating the user event parameters comprise instructions for:

validating the user event domain;

validating the user event type;

validating the user event value;

validating the user event item; and

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validating the user identifier.

Claim 23 (original): The system of claim 19, wherein the instructions for analyzing the user events comprise instructions for:

applying a collaborative filter on the user events to compute correlation values between the user events: and

storing the correlation values in a similarity database.

Claim 24 (currently amended): The system of claim 19, the computer programs of the recommendation engine further comprising instructions for:

receiving a request for recommending similar items; and

generating recommendations of similar items in accordance with the <u>at least one</u> correlation <del>correlations</del> between the at least two user events in the database.

Claim 25 (original): The system of claim 24 further comprising instructions for generating recommendations of similar items in accordance with a priority scheme.

Claim 26 (original): The system of claim 24, wherein the instructions for generating recommendations of similar items comprise instructions for:

validating the request, wherein the request includes a set of predefined parameters;

if source domains are specified, generating a first list of recommendations in accordance with the source domains; and

if the source domains are not specified, generating the first list of recommendations in accordance with all available domains in the database.

Claim 27 (original): The system of claim 26, wherein the instructions for generating the first list of recommendations comprise instructions for:

if the first list of recommendations is less than or equal to a predefined minimum number of items, returning the first list of recommendations; and if the first list of recommendations is greater than the predefined minimum number of items, improving the first list of recommendations in accordance with correlation values and the set of predefined parameters.

Claim 28 (original): The system of claim 27, wherein the instructions for improving the first list of recommendations comprise instructions for:

forming a second list of recommendations from items of the first list of recommendations having a correlation value above a predefined threshold;

if the second list of recommendations is less than or equal to the predefined minimum number of items, selecting a third list of recommendations comprising the minimum number of items prioritized according to correlation value from items of the first list of recommendations and returning the third list of recommendations;

if the second list of recommendations is greater than the predefined minimum number of items, improving the second list of recommendations in accordance with the correlation values and the set of predefined parameters.

Claim 29 (original): The system of claim 28, wherein the instructions for improving the second list of recommendations comprise instructions for:

if the second list of recommendations is less than or equal to a predefined maximum number of items, returning the second list of recommendations; and

if the second list of recommendations generated is greater than the predefined maximum number of items, further improving the second list of recommendations in accordance with the predefined source domains in the database.

Claim 30 (original): The system of claim 29, wherein the instructions for further improving comprise instructions for:

separating the second list of recommendations into a plurality of groups in accordance with the predefined source domains:

(a) traversing each group one at a time, selecting a recommendation having the highest correlation value to form a fourth list of recommendations: Application No.: 10/789,869 11 Docket No.: 324212000500

(b) repeating step (a) until the fourth list of recommendations equal to the predefined maximum number of items; and

returning the fourth list of recommendations.

Claim 31 (currently amended): The system of claim 19, the computer programs of the recommendation engine further comprising instructions for:

receiving a request for recommending personalized items; and

generating personalized recommendations in accordance with the <u>at least one correlation</u> e<del>correlations</del> between the <u>at least two</u> user events in the database.

Claim 32 (original): The system of claim 31, wherein the instructions for generating the personalized recommendations comprise instructions for:

validating the request, wherein the request includes a set of predefined parameters; retrieving a first list of items the user has shown preference from the database,

wherein each item has a correlation value greater than or equal to a predefined threshold;

- (a) creating a set of recommendations of similar items for each item the user has shown preference;
- (b) storing the set of recommendations of similar items into a first list of recommendations; and
- (c) repeating steps (a) and (b) until all members of the first list of items are traversed; and

refining the first list of recommendations in accordance with the correlation values and a set of predefined parameters.

Claim 33 (original): The system of claim 32, wherein instructions for refining the first list of recommendations comprise instructions for:

if the first list of recommendations is less than or equal to the predefined minimum number of items, returning the first list of recommendations; and if the first list of recommendations is greater than the predefined minimum number of items, improving the first list of recommendations in accordance with the correlation values and the set of predefined parameters.

Claim 34 (original): The system of claim 33, wherein instructions for improving the first list of recommendations comprise instructions for:

forming a second list of recommendations from items of the first list of recommendations having a correlation value above a predefined threshold;

if the second list of recommendations is less than or equal to the predefined minimum number of items, selecting a third list of recommendations comprising the minimum number of items prioritized according to correlation value from items of the first list of recommendations and returning the third list of recommendations;

if the second list of recommendations is greater than the predefined minimum number of items, improving the second list of recommendations in accordance with the correlation values and the set of predefined parameters.

Claim 35 (original): The system of claim 34, wherein instructions for improving the second list of recommendations comprise instructions for:

if the second list of recommendations is less than or equal to a predefined maximum number of items, returning the second list of recommendations; and

if the second list of recommendations generated is greater than the predefined maximum number of items, further improving the second list of recommendations in accordance with the predefined source domains in the database.

Claim 36 (original): The system of claim 35, wherein the instructions for further improving comprise instructions for:

separating the second list of recommendations into a plurality of groups in accordance with the predefined source domains:

(a) traversing each group one at a time, selecting a recommendation having the highest correlation value to form a fourth list of recommendations: Application No.: 10/789,869 13 Docket No.: 324212000500

(b) repeating step (a) until the fourth list of recommendations equal to the predefined maximum number of items; and

returning the fourth list of recommendations.

Claim 37 (currently amended): A computer program product, comprising a medium storing computer programs for executing by one or more computer systems, the computer program comprising:

a recommendation module for generating recommendations across multiple product or service domains, wherein the recommendation module is used in conjunction with at least a processing unit, a user interface, and a database, and the recommendation module includes one or more computer programs containing instructions for:

collecting user events of a first and a second user across a plurality of domains in the database, wherein each of the user events is at least in part defined by one or more user event parameters, and wherein the event parameters are automatically updated;

receiving a triggering event for recommendations;

analyzing the user events to formulate <u>at least one correlation correlations</u> between [[the]] <u>at least two</u> user events in the database, <u>wherein the at least two user events are from at least two different domains of the plurality of domains</u>; and

generating recommendations in response to the triggering event in accordance with the eorrelations at least one correlation between the at least two user events in the database.